

US BUSINESS 13 IS ASSUMED
TO RUN IN A NORTH-SOUTH DIRECTION

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE REPLACEMENT OF EXISTING
SIGNAL HEADS WITH NEW BLACKFACED SIGNAL HEADS FOR
NORTHBOUND AND SOUTHBOUND US 13 BUSINESS, AND THE
REPLACEMENT OF EXISTING PEDESTRIAN SIGNALS, PUSHBUTTONS,
AND SIGNS.

CONSTRUCTION DETAILS

- REMOVE EXISTING SIGNAL HEAD AND REPLACE WITH PROPOSED BLACKFACED SIGNAL
HEAD ON EXISTING MAST ARM AS SHOWN
- REMOVE EXISTING PEDESTRIAN SIGNAL EQUIPMENT AND REPLACE WITH PROPOSED (NEW)
PEDESTRIAN SIGNAL HEADS, PUSHBUTTONS, AND SIGNS ON EXISTING POLE AS SHOWN
- USE EXISTING CONDUIT
- USE EXISTING HANDHOLE
- USE EXISTING BASE MOUNTED CABINET AND CONTROLLER

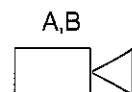
GENERAL NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND DISPOSAL
OF ALL EXISTING SIGNAL HEAD AND PEDESTRIAN EQUIPMENT AND CABLE.
- ALL REMOVED SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY
OF THE CONTRACTOR.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS
ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY
PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED
IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT
BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE
CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY
SO THAT THE CONFLICT MAY BE RESOLVED.

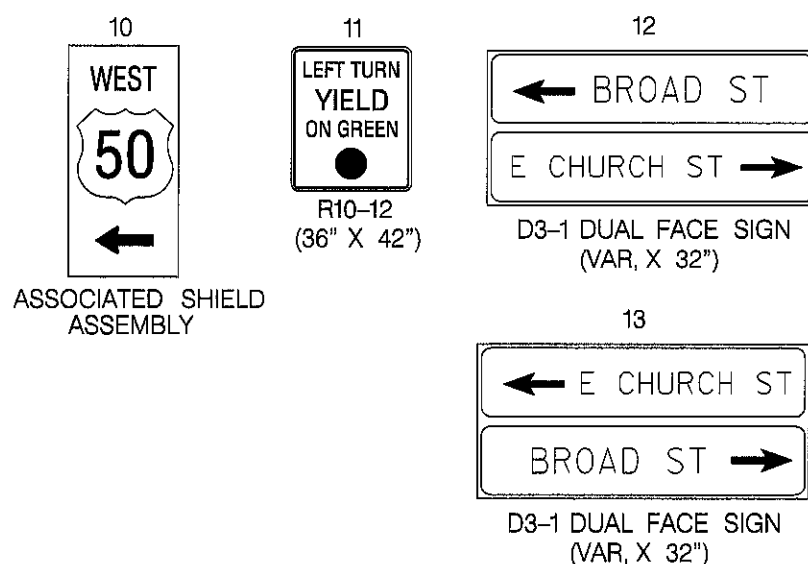
LEGEND OF UNDERGROUND
AND OVERHEAD UTILITIES

AERIAL CABLE	— A —
ELECTRICAL	— E —
TELEPHONE	— T —
GAS	— G —
SEWER	— S —
WATER	— W —
CABLE TV	— TV —

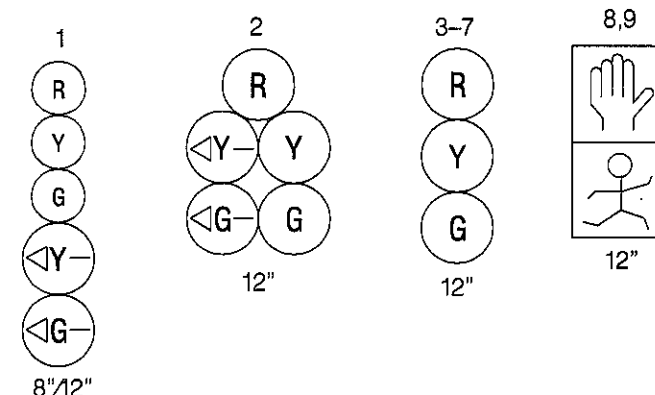
EXISTING VIDEO
DETECTION CAMERA



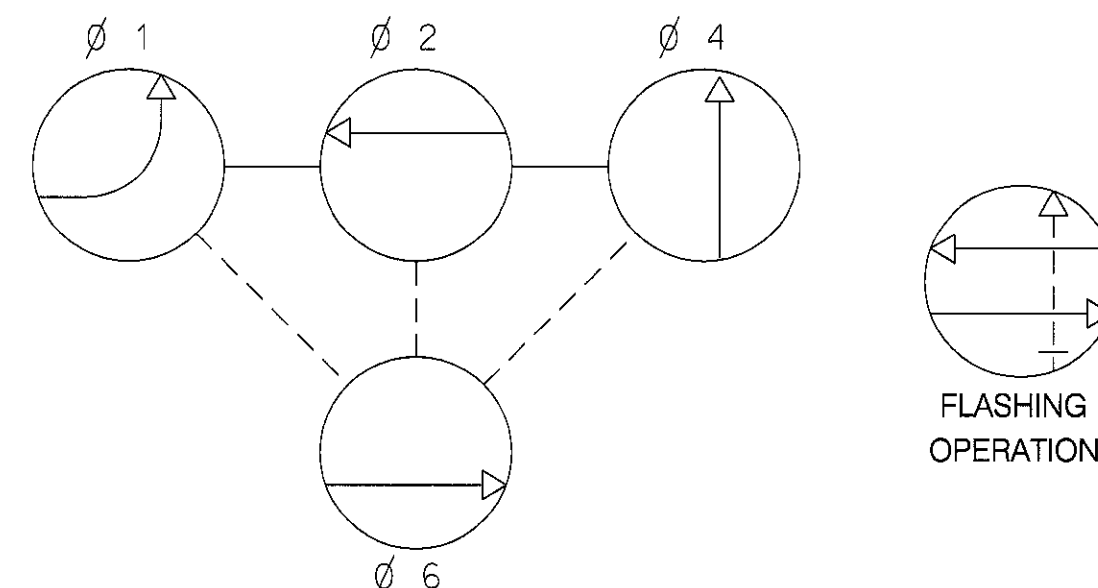
EXISTING SIGN



PROPOSED SIGNALS
(BLACKFACED)

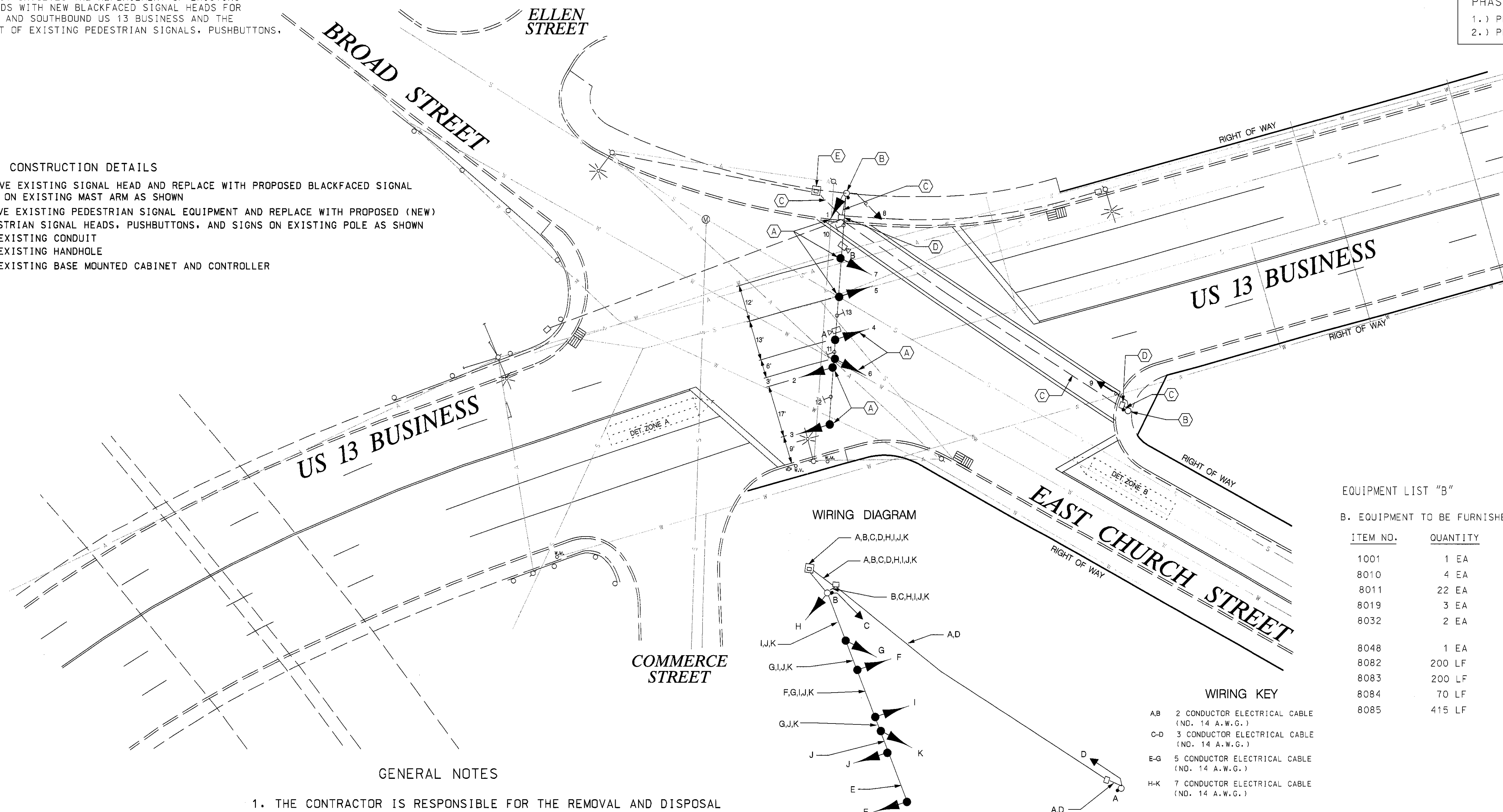


NEMA PHASING

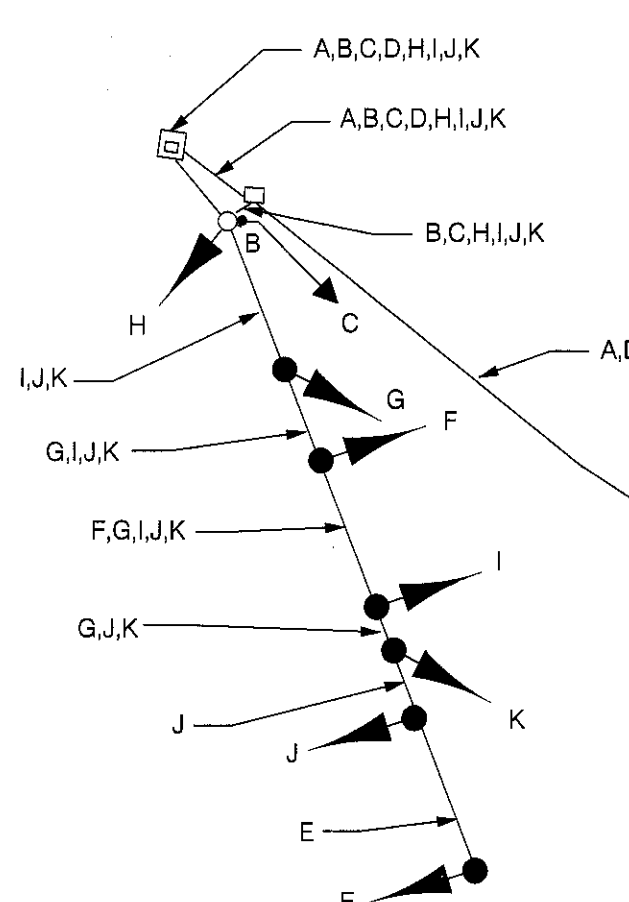


PHASING NOTES:

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.



WIRING DIAGRAM



WIRING KEY

- A-B 2 CONDUCTOR ELECTRICAL CABLE
(NO. 14 A.W.G.)
C-D 3 CONDUCTOR ELECTRICAL CABLE
(NO. 14 A.W.G.)
E-G 5 CONDUCTOR ELECTRICAL CABLE
(NO. 14 A.W.G.)
H-K 7 CONDUCTOR ELECTRICAL CABLE
(NO. 14 A.W.G.)

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
8010	4 EA	FURNISH AND INSTALL 12 IN. PEDESTRIAN SIGNAL HEAD SECTION
8011	22 EA	FURNISH AND INSTALL 12 IN. VEHICULAR SIGNAL HEAD SECTION
8019	3 EA	FURNISH AND INSTALL 8 IN. VEHICULAR SIGNAL HEAD SECTION
8032	2 EA	FURNISH AND INSTALL PEDESTRIAN PUSHBUTTON AND SIGN "PUSH BUTTON TO CROSS SALISBURY BLVD"
8048	1 EA	REMOVE AND DISPOSE OF EXISTING SIGNAL EQUIPMENT
8082	200 LF	FURNISH AND INSTALL ELECTRICAL CABLE 2-CONDUCTOR (NO. 14 A.W.G.)
8083	200 LF	FURNISH AND INSTALL ELECTRICAL CABLE 3-CONDUCTOR (NO. 14 A.W.G.)
8084	70 LF	FURNISH AND INSTALL ELECTRICAL CABLE 5-CONDUCTOR (NO. 14 A.W.G.)
8085	415 LF	FURNISH AND INSTALL ELECTRICAL CABLE 7-CONDUCTOR (NO. 14 A.W.G.)

TRAFFIC CONCEPTS, INC.
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Gambrills, MD 21054
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EMAIL TRACONCEPT@AOL.COM

REVISIONS	APPROVALS
4/2004 REPLACE EXISTING SIGNALS W/BLACK FACED SHA NO. XX1065185 MD C REMOVE PRESSECE DETECTION AND INSTALL VIDEO DETECTION 03-03-04 SHA NO. W1516A21 SWA MAR DAZ BRK B ADD E/P LEFT FOR N.B. US 13B 06-92 SHA NO. W1-653-501-177 DJD DAZ ETP TH A REPLACE LOOP DETECTION E.B. CHURCH STREET 11-88 WM BR DAZ ETP TH	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION CHIEF TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, TRAFFIC & SAFETY

SHA#: W1516A22 TDD#: V410651-47

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNALIZATION PLAN
US BUSINESS 13 AND BROAD STREET/
CHURCH STREET

DRAWN BY: TOM ZAYDEL
CHECKED BY: DENNIS DODA JR
SCALE: 1" = 20'
DATE: 02-08-84

F.A.P. NO.
S.H.A. NO. W1633-502-185
COUNTY: WICOMICO
LOG MILE: 22B01305.64

TS NO.
10022 D
T.J.M.S. NO.
F648

SHEET NO.
1 OF 1